IN THE CLAIMS

Claims 1-4. (Canceled).

5.   (Currently Amended) A disease prognosis prediction device for the prognosis of the disease from clinical laboratory test values comprising:

        a computer, having a memory that stores a judgment routine;

        an input means that inputs a name of the disease which is an object of the prognosis prediction and clinical laboratory test measurement values for the disease;

        a prognosis prediction value acquisition means that determines the prognosis prediction value for the disease by applying the input values to the judgment routine; and

        a display processing means that displays the prognosis prediction value thereon, wherein said judgment routine is obtained by a method for preparing a model for predicting the prognosis of a specified disease from clinical laboratory test values for the disease which comprises the steps of:

        inputting a plurality of actually measured clinical laboratory test values for the disease and actual measured values of the ~~prognoses~~ prognosis into the computer,

        processing these values to determine one or a plurality of clinical laboratory test items which have an influence on the prognosis of the disease,

        determining a priority of the items with respect to the prognosis in a case where there are a plurality of the items, and

        establishing a judgment routine in which correlation of the plurality of clinical laboratory test items and the clinical laboratory test value ranges of the test items with the predicted value of the prognosis is stipulated on the basis of the priority.

6.   (Previously Presented) A computer program which causes a computer to execute the respective means according to claim 5, and which is readable by the computer.

7.   (Previously Presented) A storage medium in which the program according to claim 6 is stored.

8.   (Previously Presented) The device according to claim 5, wherein the disease comprises a liver disease, and the clinical laboratory test item with the highest priority comprises PIVKA.

9.   (Previously Presented) The device according to claim 5, wherein the judgment routine is a decision tree in which a plurality of chance nodes are taken as the clinical laboratory test items and clinical laboratory test measurement value ranges, and a plurality of prognosis prediction values corresponding to the chance nodes are taken as terminal nodes.

10.   (Previously Presented) The device according to claim 5, wherein the chance nodes of the decision tree comprises patient information.

Claims 11-13. (Canceled).

14.   (Previously Presented) The device according to claim 5, wherein the priority of the clinical test items is determined each time in the process of the judgment routine.

15.   (Previously Presented) The device according to claim 5, wherein the disease relates to a liver disease, and the highest chance node is set at a critical value relating to the clinical test value of PIVKA.

16.   (Previously Presented) The device according to claim 5, wherein PIVKA reference value is set for each year of survival years when survival predictions in which PIVKA is the node with the highest priority are performed on the basis of the model for each year of survival years.

17.   (Previously Presented) The device of claim 5, wherein the judgment routine is a decision tree in which a plurality of chance nodes are taken as the clinical laboratory test items and the clinical laboratory test measurement value ranges, and a plurality of prognosis prediction values corresponding to the chance nodes are taken as terminal nodes.